

Date: Fri, 1 Jul 94 04:30:23 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #212
To: Ham-Equip

Ham-Equip Digest Fri, 1 Jul 94 Volume 94 : Issue 212

Today's Topics:

Automatic HF channel allocation
Com Ser Labs BR 1000 HELP !!
heathkit e-mail address?
How much does a repeater cost?
Need manual for a Swan 500C
Ramsey's catalog (John Ramsey?)
TRADE MAC2CX FOR DUAL BAND MOBILE

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 1 Jul 1994 03:07:17 GMT
From: ihnp4.ucsd.edu!muninari.oz.au!yarrina.connect.com.au!
harbinger.cc.monash.edu.au!mdw074.cc.monash.edu.au!saisk1@network.ucsd.edu
Subject: Automatic HF channel allocation
To: ham-equip@ucsd.edu

Re: Automatic Allocation of HF radio channels

As part of my final year Electrical Engineering thesis project at Monash
University in Melbourne, Australia, I have undertaken to research into
'Self Tracking Automatic HF Optimisation of Voice and Data'. The project
work is on behalf of Melbourne based company, BHP Petroleum that make great
use of telecommunication equipment in remote locations both locally and
overseas.

The latest equipment I came across that handles automatic allocation of HF channels is the Automatic Link Establishment (ALE) 1045 controller.

I managed to get a copy of a brochure on ALE 1045 detailing its possible arrangement in conjunction with a PC, high speed data modem and an HF radio.

Having also read through the US Federal Standards 1045 on ALE titled 'Telecommunications: Radio Automatic Link Establishment', I would greatly appreciate further information on ALE or relevant equipment and about the possibility of transmitting voice as well as data using this system.

Could someone please clarify the following points:

AA) Is it viable to digitize and compress voice before transmitting it as data blocks but switching off the 'retransmission' mode to prevent echoes? What type of Codec might be suitable for voice digitisation?

BB) Can an ALE system be used to allocate the optimum HF channel at regular intervals and switch over to normal analog voice communication?

Any references to literature or technical articles would also be much appreciated.

Thanking in advance,

Shiraz Iskenderian,
Monash University.
saisk1@ccds.cc.monash.edu.au

Date: 1 Jul 1994 03:48:46 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!utnut!torn!news.unb.ca!nbt.nbnet.nb.ca!ve1fc.nbnet.nb.ca!ve1fc@network.ucsd.edu
Subject: Com Ser Labs BR 1000 HELP !!
To: ham-equip@ucsd.edu

Have an old COM-SER LABS BR 1000-A test monitor .
Am in very bad need of a SERVICE manual for the same
Any leads would be GREATLY appreciated.

Graham
VE1FC
Ph (506) 367-2693
THANKS in advance

Date: Thu, 30 Jun 1994 22:42:58 +0000
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!swrinde!pipex!demon!
optician.demon.co.uk!Nigel@network.ucsd.edu
Subject: heathkit e-mail address?
To: ham-equip@ucsd.edu

Can anyone help me ?
I would like to know if heathkit who make electronic kits
have an e-mail address on internet, and if they have then
what is ?

--
Nigel Greenwood

Date: 1 Jul 1994 00:24:36 -0700
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!nntp-
server.caltech.edu!news.claremont.edu!kaiwan.com!not-for-mail@network.ucsd.edu
Subject: How much does a repeater cost?
To: ham-equip@ucsd.edu

In article <hamilton.772940873@BIX.com>, hamilton on BIX wrote:
> I know all the major vendors like Icom make repeaters, but they
> aren't usually listed in the various ham catalogs, leading me to
> suspect (clever fellow that I am :-) that they must be pretty
> darned expensive.
>
> But how expensive? And are features like voice synthesis (or is
> it just electronically stored) messages telling the callsign or
> that you've just timed out the repeater extra-cost add-ons?
>

I have talked to a local repeater operator. He told me to put up a
first class commercial grade ham radio repeater for 440 MHz band will
cost around \$20,000.00.

Regards,

--
Alfred Lee, KE6??? Fountain Valley, CA, U.S.A. alf@kaiwan.com
FCC listening? ^ 'The answer is (e^iY + 1) ? "Yes" : "No"'

Date: 30 Jun 1994 21:53:37 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!agate!etch-eshop.Berkeley.EDU!
ron@network.ucsd.edu
Subject: Need manual for a Swan 500C
To: ham-equip@ucsd.edu

Hello

I'm in need of a Tech manual for a Swan 500C I picked up a couple weeks ago at a hamfest.

The one I got with it is for a Swan 500, I can easily tell there different. Anyone have one they'd part with or copy ? I'd be more than happy to pay the costs involved.

I could also use a couple 6LQ6's (Finals) and a 6GK6 driver.

Thanks and 73,

Ron Viegelahn, KE6GLZ

ron@etcheshop.Berkeley.EDU

Date: Thu, 30 Jun 94 20:56:01 -0500
From: ihnp4.ucsd.edu!swrinde!gatech!usenet.ins.cwru.edu!news.ecn.bgu.edu!psuvax1!
news.pop.psu.edu!news.cac.psu.edu!newsserver.jvnc.net!yale.edu!noc.near.net!
news.delphi.com!usenet@network.
Subject: Ramsey's catalog (John Ramsey?)
To: ham-equip@ucsd.edu

please let me know what you think. To encourage you to try a kit, I'll offer you a 50% discount on any kit, see if you think a mixed review is in order! 73, John

Date: Thu, 30 Jun 1994 10:15:34 -0400
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!wp-sp.nba.trw.com!gatekeeper.esl.com!
m21002.esl.com!user@network.ucsd.edu
Subject: TRADE MAC2CX FOR DUAL BAND MOBILE
To: ham-equip@ucsd.edu

HI ALL, I HAVE A MAC 2CX CONFIGURED 8/80 CLR CARD, KB, MOUSE, BOXES ETC, WILLING TO TRADE FOR A 1988 OR NEWER DUAL BAND MOBILE RADIO. KW, YAESU, IC. THE COMP IS ONLY 2 YEARS OLD IN VERY GOOD CONDITION. WOULD LIKE DUAL BAND

MOBILE IN SIMILAR CONDITION. WHY AM I GETTING RID OF IT YOU MIGHT ASK? I
HAVE 3 COMPUTERS AND ONLY USE TWO OF THEM, SO ONE HAS TO GO TO GET THE
RADIO. ANY INTEREST YOU CAN CALL FOR MORE INFO 408-738-2888X5825 OR E MAIL
ME DOUG_HUSTON@SMTP.ESL.COM 73'S DOUG (KC6FRY) SAN JOSE CA.

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COMMENTS ARE MINE AND NOT RELATED TO ESL.

End of Ham-Equip Digest V94 #212
